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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

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PATENT APPLICATION TRANSMITTAL

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|------------------------------------|--|
| Attomey Docket No. | 99024CIPDIV2 (3600-234-03) |
| First Inventor | HABECKER et al. |

METHOD OF MAKING NIOBIUM AND OTHER METAL Title **POWDERS**

| (Ourly for new nonprovision | nal applications under 37 CFR 1.5 | 3(b)) Expr | ess Mail Label No. | EV1477 | 719203US | 0.8 0.8 | |
|--|--|---|---|----------------------------------|----------------------|------------|--|
| APPLICA See MPEP chapter 600 cond | ъ. и | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | |
| 2. (Submit an original and a See 37 CFR 1.27. | orm (e.g., PTO/SB/17) duplicate for fee processing) mall entity status. [Total Pages 24 | ¬, | Computer Progucleotide and/or Aminifapplicable, all necessary | ram (Appen o Acid Seque v) | ence Submission | | |
| 3. X Specification (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention | | | a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies | | | | |
| Brief Description of De | of the Drawings <i>(if filed)</i> | The state of the state of the | ACCOMPANY | ING APPL | ICATION PARTS | | |
| - Claim(s) - Abstract of the Di | | 9. | | | sheet & document(s)) | | |
| - Abstract of the Dis | sciosure | 10. | 37 CFR 3.73(b) (when there is a | | Power of Attorney | | |
| 4. X Drawing(s) (35 U.S | S.C. 113) [Total Sheets 4 |]]]11. | English Transla | ation Docum | ent (if applicable) | | |
| 5. Oath or Declaration | [Total Sheets 4 | j 12. | X Information Dis | | O Copies of IDS | | |
| a. Newly exec | cuted (original or copy) | 13. | X Preliminary Am | • | | | |
| b. X Copy from | a prior application (37 CFR 1.63 (d)) ation/divisional with Box 18 complete | ted) 14. | X Return Receipt | | | | |
| DEL | i DELETION OF INVENTOR(S) DELETION OF INVENTOR(S) 15 Certified Copy of Priority Document(s) | | | | | | |
| name | Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 15. (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | 35 | |
| 6. Application Data S | heet. See 37 CFR 1.76 | 17. | Other: | | | | |
| 18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Continuation Continuation-in-part (CIP) Of prior application No.: 10/095,245 Prior application information: Examiner Nacclan Thi Mai Group Art Unit: 1742 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | |
| | 19. CORRE | SPONDENCE | ADDRESS | | | | |
| Customer Number or | Bar Code Label (Insert Customer No | or Attach har code | or) | Correspo | ndence address below | | |
| Name | Martha Ann Finnegan, Esq. | | | | | | |
| | Cabot Corporation | | | | | | |
| Address | 157 Concord Road | _ | | _ | | | |
| City | Billerica | State | MA | Zip Code | 01821-7001 | | |
| Country | USA | Telephone | 1-978-670-6198 | Fax | 1-978-670-8027 | | |
| Name (Print/type) | Luke A. Kilyk | F | egistration No. (Atton | ney/Agent) | 33,251 | | |
| Signature | all a kilah | | | Date | February 3, 2004 | 7 | |

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Stephanie Hill Name (Print)

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

(\$) 1346.00

Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

| Complete if Known | | | | | |
|----------------------|----------------------------|--|--|--|--|
| Application Number | Unassigned | | | | |
| Filing Date | February 3, 2004 | | | | |
| First Named Inventor | HABECKER et al. | | | | |
| Examiner Name | Unassigned | | | | |
| Art Unit | Unassigned | | | | |
| Attorney Docket No. | 99024CIPDIV2 (3600-234-03) | | | | |

| METHOD OF PAYMENT (check all that appl | y) | FEE CALCULATION (continued) | | | AND THE STREET STREET, | | |
|---|---|--|-------------|-------------|--|---|--------------|
| Check Credit card Money Other | None | 3. A | DDITIO | NAL F | EES | | |
| | J | | Entity | | Entity | | |
| X Deposit Account | | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Deposit Account Number | | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | |
| Deposit Account Name | | 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or cover sheet | |
| The Director is authorized to: (check all that apply) | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| X Charge fee(s) indicated below X Credit any overpayr | nents | 1812 | 2,520 | 1812 | ' ' | | |
| X Charge any additional fee(s) or any underpayment of fee(s) | | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to | |
| Charge fee(s) indicated below, except for the filing fee | | 1805 | 1,840* | 1805 | 1,840* | Examiner action Requesting publication of SIR after | <u> </u> |
| to the above-identified deposit account. | | 1005 | 1,040 | 1603 | 1,040 | Examiner action | |
| FEE CALCULATION | | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC FILING FEE | | 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| Large Entity Small Entity | | 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| | ee Paid | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| | 770.00 | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1002 340 2002 170 Design filing fee | | 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1003 530 2003 265 Plant filing fee | | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1004 770 2004 385 Reissue filing fee | | 1403 | 290 | 2403 | 145 | 5 Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | 1452 110 2452 55 Petition to revive – unavoidable | | | | | | |
| SUBTOTAL (1) (\$) 770.00 1453 1,330 2453 665 Petition to revive – unintentional | | Petition to revive – unintentional | | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND I | REISSUE | 1501 1,330 2501 665 Utility issue fee (or reissue) | | | | | |
| Fee from Extra Claims below | Fee Paid | 1502 | 480 | 2502 | 240 | Design issue fee | |
| Total Claims 52 -20**= 32 x 18.00 = | 576.00 | 1503 | 640 | 2503 | 320 | Plant issue fee | |
| Independent 3 - 3**= 0 X = | | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Multiple Dependent = | | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Fee Fee Code (\$) Fee Description | | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 | | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1201 86 2201 43 Independent claims in e | excess of 3 | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1203 290 2203 145 Multiple dependent clair | | | | | | | |
| 1204 86 2204 43 **Reissue independen over original patent | 86 2204 43 **Reissue independent claims 1802 900 1802 900 Request for expedited examination of a design application | | | | | | |
| 1205 18 2205 9 **Reissue claims in ex and over original pat | | | | | | | |
| SUBTOTAL (2) (\$)576.00 | | Other | fee (spe | cify) | | · | |
| ** or number previously paid, if greater; For Reissues, se | | *Reduc | ed by Bas | ic Filing | Fee Paid | SUBTOTAL (3) (\$) | ' |
| | | | • | _ | | 1 1 2 2 | |

SUBMITTED BY Complete (if applicable) Registration No Telephone Name (Print/Type) Luke A. Kilyk 33,251 1-540-428-1701 (Attorney/Agent) February 3, 2004 Signature

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| Stephanie Hill | Stephanie Hell |
|----------------|----------------|
| Name (Print) | Signature |